



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/002,882	11/02/2001	Chit Chung	1316-US	4832
9941	7590	03/16/2006	EXAMINER	
TELCORDIA TECHNOLOGIES, INC. ONE TELCORDIA DRIVE 5G116 PISCATAWAY, NJ 08854-4157			HAMZA, FARUK	
			ART UNIT	PAPER NUMBER
			2155	

DATE MAILED: 03/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/002,882	Applicant(s) CHUNG ET AL.	
	Examiner Faruk Hamza	Art Unit 2155	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 26,27,31-33 and 40-42 is/are pending in the application.
- 4a) Of the above claim(s) 1-25,28-30 and 34-39 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 26,27,31-33 and 40-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Response to Amendment

1. This communication is responsive to the amendment filed on January 09, 2006. Claims 26-27 and 31-33 have been amended. Claims 28-30,34-39 have been canceled. Claims 40-42 have been newly added. Claims 26-27,31-33 and 40-42 are pending.

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claim 42 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Applicant failed to describe "modified Session Initiation Protocol".

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 26-27, 31-33 and 40-41 are rejected under 35 U.S.C. 103(a) as being unpatentable over Giloi et al (U.S. Patent Number 6,850,985) hereinafter referred as Giloi, and further in view of Ganesan (U.S. Patent Number 5,737,419) hereinafter referred as Ganesan.

Giloi teaches the invention substantially as claimed including a method and system for setting up and managing secure data/audio/video conferences with a wide range of topologies (See abstract).

As to claim 40, Giloi teaches a method for establishing secure multimedia conferences including a plurality of users, each of said users having a client process and at least one of a voice communication media device for audio conferencing and a programmed communication media device for text conferencing said method comprising the steps of

a user communicating with a conference server to initiate and receive conference participation requests (Column 7, lines 55-Column 8, lines 17, Giloi discloses conference server to establish conferences),

a routing server establishing communication media connections to one of said user's communication media devices for participation in a conference (Column 6, lines 21-33, Column 13, lines 13-18, Giloi discloses routing server establishing connection to media devices),

determining that said user is entitled to participate in the conference (Column 2, lines 50-67, Giloi discloses authenticating user);

securing communications being sent to said conference by encryption and decryption of the communications after said step of determining that said user is entitled to participate in the conference and including (Column 6, lines 15-53, Column 8, lines 30-Column 10, lines 30, Giloi discloses securing communications in conference):

encrypting a secret conference session key with the user's secret key for communication of said conference session key to the user (Column 8, lines 30-Column 10, lines 30, Giloi discloses encrypting keys).

a security process within said client process of the user obtaining the encrypted secret conference session key from the conference server for the conference involving the user (Column 8, lines 30-Column 10, lines 30, Giloi discloses server sending keys to users),

Said client process associated with said user mixing the communications from a plurality of conference participants for either a multipoint audio media conference or multipoint text media conference involving said user (Column 2, lines 2-10; Column 13, lines 53-Column 14, lines 1-6, 52-64, Giloi discloses mixing communications from plurality of participants).

Giloi does not explicitly teach claimed limitation of using time stamp for authentication.

However, Ganesan teaches claimed limitation of using time stamp for authentication (Column 5, lines 23-37; Column 11, lines 15-50).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Giloi by adding time stamp in authentication process, which will ensure non-repudiation. One would be motivated to do so to enhance the system's security.

As to claim 26, Giloi teaches the method of claim 29 further comprising maintaining presence and availability data for each user for each conference established (Column 6, lines 64-Column 7, lines 15).

As to claim 27, Giloi teaches the method of claim 29 further comprising said client process enabling a user to participate simultaneously in more than one conferences and to proactively notify one or more other users of any changes to any of said conferences (Fig. 4, Column 10, lines 31-46, Column 12, lines 20-30).

As to claim 31, Giloi teaches the method of claim 26 wherein said user has both a voice communication media device and a programmed communication text media device and said user is currently participating in a conference involving one of said media devices, said method further comprising said client process establishing a second simultaneous conference involving the other of said media devices (Fig. 4, Column 10, lines 31-46; Column 13, lines 53-Column 14, lines 6; Column 1, lines 32-45).

As to claim 32, Giloi teaches the method of claim 31 wherein said step of establishing said second conference comprises

said client process requesting a communication controller to create said second conference (Column 1, lines 63-Column 2, lines 1-10; Column 14, lines 52-64) and

said conference controller using said presence and availability data for the prior established conference to invite all the participants in the prior established conference to join said second conference (Column 1, lines 63-Column 2, lines 1-10; Column 14, lines 52-64).

As to claim 33, Giloi teaches the method of claim 40 further comprising the step of said user employing a user interface in said client process to signal a communication controller to create a persistent conference and wherein the conference server retains identification of the persistent conference after users to said persistent conference leave said persistent conference (Column 7, lines 1-16; Column 14, lines 52-Column 15, lines 20).

As to claim 41, Giloi teaches determining user is entitled to participate in conference (Column 2, lines 50-67).

Giloi does not explicitly teach the claimed limitation of Kerberos protocol.

However, Ganesan teaches the claimed limitation of Kerberos protocol (Column 3, lines 44-65).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Giloi by adding Kerberos protocol, which will provide a central authentication mechanism. One would be motivated to do so to enhance the system's security.

Claim 42 is rejected under 35 U.S.C. 103(a) as being unpatentable over Giloi and Ganesan, and further in view of Gudjonsson (U.S. patent Number 6,564,261) hereinafter referred as Gudjonsson.

As to claim 42, Giloi teaches securing communications.

Giloi does not explicitly teach the claimed limitation of Session Initiation Protocol.

Gudjonsson teaches the claimed limitation of Session Initiation Protocol (Column 9, lines 8-22).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Giloi by adding Session Initiation Protocol, which establishes sessions for conferencing. One would be motivated to do so to enhance the system's communication.

Response to Arguments

4. Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Suga et al. (U.S. Patent Number 6,668,048) discloses conference communication system.
- Weller (U.S. Patent Number 6,662,211) discloses method and system for providing conference service in a communication system.
- Cohen (U.S. Patent Number 6,332,153) method for multi-station conferencing.
- Vega-Garcia et al. (U.S. Patent Number 6,839,734) discloses multimedia communications software with network streaming and multi-format conference.
- Baldwin et al. (U.S. Patent Number 6,496,201) discloses system and user interface for multiparty conference.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Faruk Hamza whose telephone number is 571-272-7969. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached at 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information

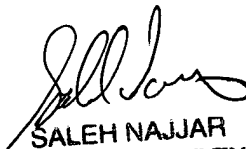
Art Unit: 2155

for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 886-217-9197 (toll -free).

Faruk Hamza

Patent Examiner

Group Art Unite 2155



SALEH NAJJAR
SUPERVISORY PATENT EXAMINER